



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-1RB#49



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-1RB#74



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-1RB#74



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-1RB#99



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-1RB#99



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-28.07	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-32.18	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-39.5	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-28.1	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-31.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-38.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-27.6	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-32.28	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-38.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-28.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-33.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-39.3	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-26.98	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.57	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-27.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~	-33.22	PASS

					2000MHz		
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-39.47	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-27.86	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-32.5	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-39.49	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-27.12	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.29	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-24.71	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-28.68	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-32.06	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-39.3	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-27.51	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-31.78	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-38.87	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-28.17	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.22	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.27	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-27.77	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-33.04	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-39.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-28.07	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-32.54	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-38.34	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-28.08	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-33.04	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-39.16	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-27.99	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-32.83	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-39.12	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-27.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-32.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-40.1	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-28.13	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.05	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.13	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-27.75	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-32.17	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~	-37.56	PASS

					20000MHz		
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-27.45	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-32.97	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-38.35	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-28.29	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-33.3	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-39.46	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-27.4	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-33.91	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-38.41	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-27.26	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-32.98	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-38.12	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-27.37	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.47	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-38.71	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-27.58	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-32.81	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-39.02	PASS

Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-27.65	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-31.2	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-39.5	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-28.28	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.16	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-38.74	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-28.13	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-31.78	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-36.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-27.03	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-31.97	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-39.54	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-28.21	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.11	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.12	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-26.8	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-33.07	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-38.75	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-27.88	PASS

					00MHz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-31.75	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-39.03	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-27.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.17	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-38.9	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-26.96	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-32.48	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-36.54	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-27.18	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-32.65	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-39.46	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-28.33	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.7	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.18	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-27.45	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-32.66	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-37.12	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



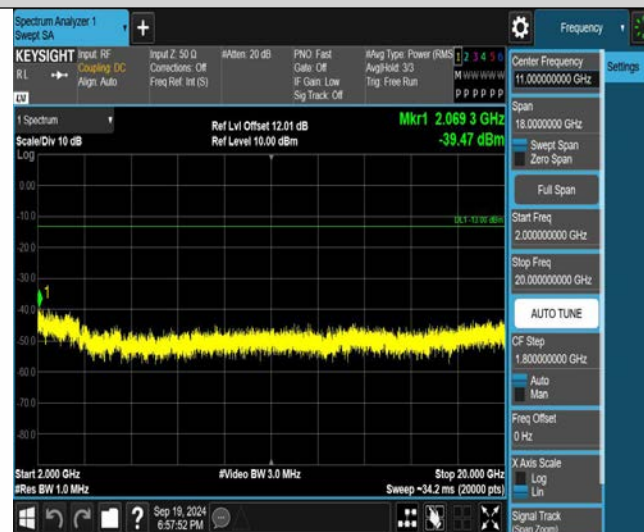
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Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range3:2000~20000MHz



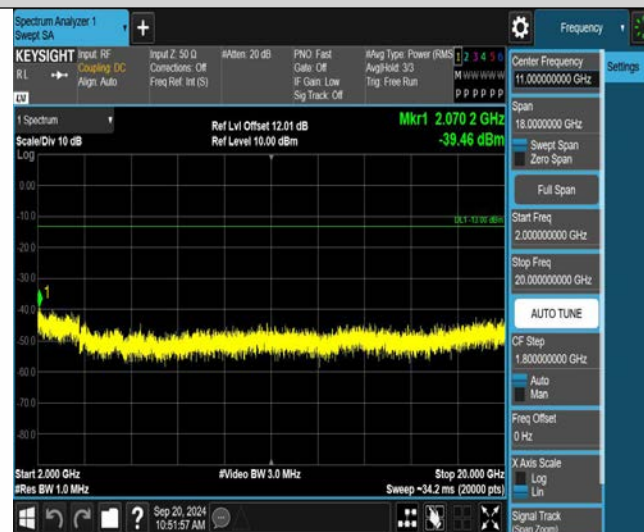
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Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range3:2000~20000MHz



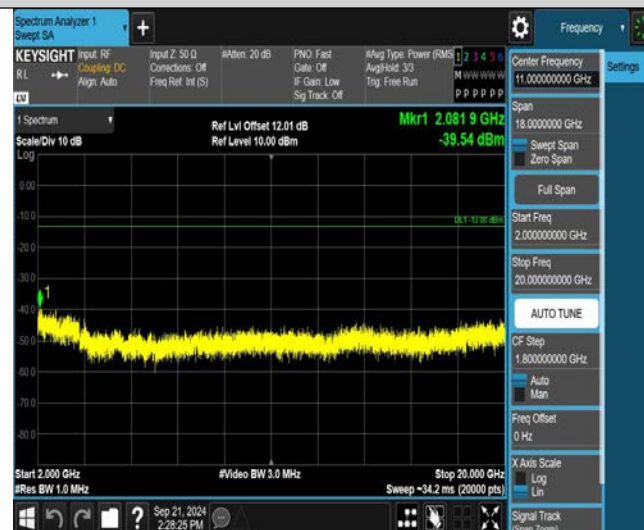
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Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



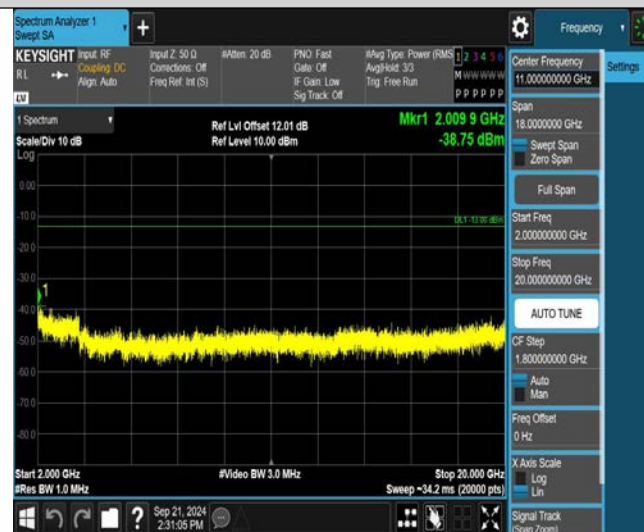
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Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz



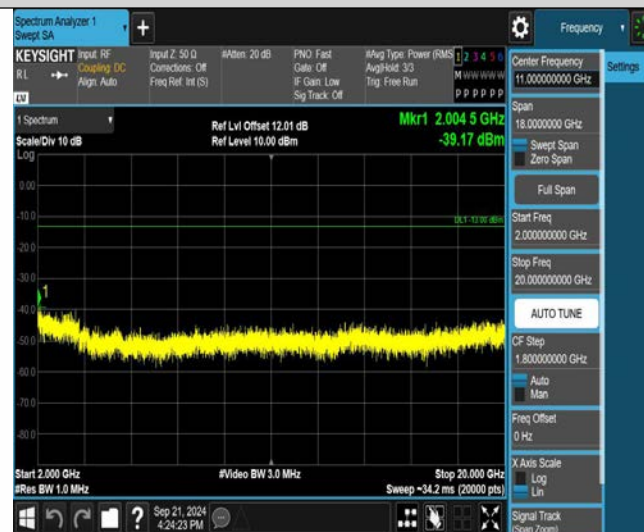
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-8.44	-0.004934	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-5.49	-0.003209	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-9.71	-0.005676	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-17.81	-0.010280	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	5.88	0.003394	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	28.01	0.016167	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	21.89	0.012478	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	9.23	0.005261	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	7.87	0.004486	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-5.21	-0.003046	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-7.72	-0.004513	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	5.15	0.003010	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	18.51	0.010684	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	10.06	0.005807	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-5.98	-0.003452	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-10.10	-0.005757	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	10.33	0.00588 8	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.19	-0.0035 28	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	10.76	0.00628 7	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	15.05	0.00879 3	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	13.76	0.00804 0	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	7.15	0.00412 7	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	3.58	0.00206 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	14.06	0.00811 5	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	12.55	0.00715 7	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	12.97	0.00739 7	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	10.50	0.00598 8	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	6.94	0.00405 5	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	16.06	0.00938 4	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	17.04	0.00995 6	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	13.13	0.00757 9	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	14.09	0.00813 3	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	17.19	0.00992 2	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	13.73	0.00783 0	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	5.74	0.00327	±2.5	PASS

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Band4	3MHz	16QAM	20385	15RB#0	VH	NT	11.69	0.00666 7	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-5.02	-0.0029 31	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-7.18	-0.0041 93	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-3.55	-0.0020 73	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	14.32	0.00826 6	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	13.82	0.00797 7	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-2.66	-0.0015 35	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-7.71	-0.0043 99	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	11.62	0.00663 1	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	5.74	0.00327 5	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	3.22	0.00188 0	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-13.28	-0.0077 55	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-3.83	-0.0022 36	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	13.58	0.00783 8	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	4.22	0.00243 6	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	9.37	0.00540 8	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	4.38	0.00249 9	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	7.71	0.00439 9	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-3.72	-0.0021 23	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-11.64	-0.0067 87	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-3.59	-0.0020 93	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-11.69	-0.0068 16	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	13.59	0.00784 4	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-3.82	-0.0022 05	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-3.36	-0.0019 39	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-14.68	-0.0083 89	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-13.88	-0.0079 31	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-8.97	-0.0051 26	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-9.70	-0.0056 56	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	4.13	0.00240 8	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-3.92	-0.0022 86	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	13.83	0.00798 3	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	9.03	0.00521 2	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	6.94	0.00400 6	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-11.66	-0.0066 63	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-9.11	-0.0052 06	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	5.51	0.00314	±2.5	PASS

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Band4	15MHz	QPSK	20025	75RB#0	VL	NT	14.98	0.00872 2	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	5.34	0.00310 9	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-8.31	-0.0048 38	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	13.16	0.00759 6	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	6.82	0.00393 7	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	13.35	0.00770 6	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	15.71	0.00899 0	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	14.95	0.00855 5	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	4.79	0.00274 1	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	-5.22	-0.0030 39	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	14.15	0.00823 9	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	12.30	0.00716 2	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	10.60	0.00611 8	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	13.58	0.00783 8	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	6.09	0.00351 5	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	10.81	0.00618 6	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	5.82	0.00333 0	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	5.01	0.00286 7	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-15.75	-0.0091 57	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-12.55	-0.0072 97	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-15.94	-0.0092 67	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	6.52	0.00376 3	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	10.99	0.00634 3	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	8.87	0.00512 0	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-9.46	-0.0054 21	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-3.82	-0.0021 89	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-12.57	-0.0072 03	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-14.49	-0.0084 24	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-13.96	-0.00811 6	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-4.03	-0.0023 43	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	4.76	0.00274 7	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	13.25	0.00764 8	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	12.67	0.00731 3	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	9.78	0.00560 5	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	3.15	0.00180 5	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-8.68	-0.0049 74	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-26.49	-0.015485	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-22.24	-0.013001	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	-12.29	-0.007184	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-74.09	-0.043310	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-17.94	-0.010487	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-29.00	-0.016952	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-8.97	-0.005243	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-11.80	-0.006898	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-4.25	-0.002484	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-33.37	-0.019261	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-9.33	-0.005385	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-17.25	-0.009957	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-5.32	-0.003071	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-8.88	-0.005126	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-14.46	-0.008346	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-19.24	-0.011105	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-6.65	-0.003838	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-2.00	-0.00115	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	20.00	0.01140 1	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	19.87	0.01132 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	17.77	0.01012 9	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	2.27	0.00129 4	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	7.75	0.00441 8	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-3.26	-0.0018 58	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	7.80	0.00444 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	9.91	0.00564 9	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-4.46	-0.0025 42	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-15.12	-0.0088 38	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.58	0.00267 7	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-7.97	-0.0046 59	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-9.41	-0.0055 01	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	14.81	0.00865 7	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	18.18	0.01062 7	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	13.02	0.00761 1	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	5.95	0.00347 8	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-16.82	-0.0098 32	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	12.66	0.00730 7	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-5.78	-0.0033 36	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	0.00	0.00000 0	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-2.36	-0.0013 45	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-11.10	-0.0063 27	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-9.20	-0.0052 44	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-7.32	-0.0041 73	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-9.90	-0.0056 43	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.02	-0.0034 32	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	7.88	0.00449 2	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	3.55	0.00202 4	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-2.40	-0.0013 68	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	4.03	0.00235	±2.5	PASS